

# Tigran Nerses Harutyunyan

✉ t.harutyunyan@ysu.am

## Faculty of Mathematics and Mechanics

Chair of Theory of Functions and Differential Equations

Professor

### Education

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<b>Institution</b>	YSU
<b>Faculty</b>	Mechanics and Mathematics
<b>Date</b>	1966 - 1971
<b>Degree name</b>	Qualified specialist

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### Scientific Rank/degree

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<b>Institution</b>	YSU
<b>Date</b>	2014
<b>Degree name</b>	Professor
<b>Specialty</b>	Physico-mathematical sciences

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<b>Institution</b>	YSU
<b>Date</b>	2010
<b>Degree name</b>	Doctor
<b>Specialty</b>	Physico-mathematical sciences
<b>Research Topic</b>	Eigenvalues functions of Sturm-Liouville and Dirac operators

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<b>Institution</b>	Institute of mathematics NASRA
<b>Date</b>	1978
<b>Degree name</b>	Candidate
<b>Specialty</b>	Physico-mathematical sciences
<b>Scientific Supervisor</b>	Anatoli Kostyuchenko
<b>Research Topic</b>	Asimptotics of the spectra of Dirac operators

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### Language skills

Հայերեն Русский English Français

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### Publications

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*Article*  
**Uniqueness theorem for the Eigenvalues function.**  
T. Harutyunyan

*Article*

**The eigenvalues function of the family of Sturm-Liouville operators and the inverse problems**

TIGRAN HARUTYUNYAN

TAMKANG JOURNAL OF MATHEMATICS 2019 233-252

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*Article*

**The uniqueness theorems in the inverse problems for Dirac operators**

T.N.Harutyunyan

Lobachevskii Journal of Mathematics 2019 1489-1497

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*Article*

**INVERSE STURM-LIOUVILLE PROBLEMS WITH SUMMABLE POTENTIAL**

TIGRAN N. HARUTYUNYAN, YURI A. ASHRAFYAN

Mathematical Inverse Problems 2018 35-45

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*Article*

**Isospectral Dirac operators**

Yuri Ashrafyan, Tigran Harutyunyan

Electronic Journal of Qualitative Theory of Differential Equations 2017 1-9

<http://www.math.u-szeged.hu/ejqtde/>

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*Article*

**Gradient of eigenvalues of Dirac operators and its applications**

Tigran Harutyunyan, Yuri Ashrafyan

Mathematical Inverse Problems 2017 12-24

<http://mip.apacific.org/>

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*Article*

**Dirac operator with linear potential and its perturbations**

YU.A. Ashrafyan, T.N. Harutyunyan

Mathematical Inverse Problems 2016 12-25

<http://mip.apacific.org/>

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*Article*

**Asymptotics of the eigenvalues of Sturm-Liouville problem**

T.N. Harutyunyan

Journal of Contemporary Mathematical Analysis (Armenian Academy of Sciences) 2016 173-181

<http://www.allertonpress.com/journals/sam.htm>

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*Article*

**On the norming constants of the Sturm-Liouville problem**

Harutyunyan T., Pahlevanyan A.

Вестник Казанского государственного энергетического университета 2016 7-26

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*Article*

**On the theorem of Ambarzumian for Dirac system**

T.N. Harutyunyan

*Article*

**Inverse Sturm-Liouville Problems with Fixed Boundary Conditions**

Yuri Ashrafyan, Tigran Harutyunyan

Electronic Journal of Differential Equations 2015 1-8

<http://ejde.math.txstate.edu/>

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*Conference*

**The eigenvalues function and the inverse Sturm-Liouville problems**

Tigran Harutyunyan

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*Conference*

**The spectral theory of the family of Sturm-Liouville operators**

Tigran Harutyunyan

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*Conference*

**About an approach in spectral theory**

Tigran Harutyunyan

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